VisionTek®

Radeon 7850 2GB x16 PCIe OC Edition

VisionTek Part# 900568

NEVER SETTLE

The AMD Radeon™ HD 7850 Series is the upgrade gamers deserve. Based on the award-winning GCN Architecture, these cards are engineered for supremacy with the industry's very first 28nm GPU design. Packed with incredible features, such as support for PCI Express 3.0, the ultra-efficient AMD ZeroCore Power technology and gaming with AMD Eyefinity technology, serious gaming starts here.

Engineered to be the world's most advanced graphics cards, AMD Radeon™ HD 7850 Series GPUs feature the award-winning GCN Architecture for spectacular performance and efficiency. Equipped with the latest technologies, such as PCI Express® 3.0 and the incredibly efficient AMD ZeroCore Power technology, gamers should never settle for anything less. Step up to the world's most advanced graphics with the GCN Architecture, an award-winning 28nm chip engineered to enable an exceptional DirectX® 11 experience, today and tomorrow. It's time to broaden your horizons. Tap into the full potential of your GPU by gaming on more than three displays with AMD Eyefinity technology "2.0".

GCN Architecture
Step up to the world's most advanced graphics with the GCN Architecture, an award-winning 28nm chip engineered to enable an exceptional DirectX® 11 experience, today and tomorrow. Built to perform as the world's most advanced graphics, the GCN Architecture is the industry's first 28nm GPU design. Packed with unprecedented technologies, such as PCI Express 3.0 and the ultra-efficient AMD ZeroCore Power technology, this is the hardware that gamers deserve.

AMD Eyefinity "2.0"
AMD Eyefinity is here to deliver the unfair advantage you deserve. With new modes and features, like 5x1 landscape, stereo 3D and universal bezel compensation, the world's best multi-display gaming technology just got better.

Get amazing EyeDefinition graphics with DirectX® 11 technology
Play the most demanding DirectX® 11-capable games in true Eye-Definition with the AMD Radeon™ HD 7800 Series graphics. A new and advanced DirectX® 11-capable architecture with scalable geometry processing enables flawless graphics and unbelievable frame rates for the ultimate HD gaming experience.

AMD App Acceleration
Go beyond gaming with AMD App Acceleration. Experience certifiably spectacular video with the latest codecs and blistering performance in everyday applications.

FEATURE SUMMARY

- PCI Express 3.0 x16 bus interface
- DirectX® 11-capable graphics
- 9th generation programmable hardware tessellation units
- Shader Model 5.0
- DirectCompute 11
- Accelerated multi-threading
- HDR texture compression
- OpenGL 4.2 support
- Image quality enhancement technology
- Up to 24x multi-sample and
- super-sample anti-aliasing modes
- Adaptive anti-aliasing
- Morphological Anti-Aliasing (MLAA)
- DirectX® 10/11 Super-Sample
- Anti-Aliasing (SSAA)
- 16x angle independent anisotropic
- texture filtering
- 128-bit floating point HDR rendering
- AMD Eyefinity multi-display technology1
- Display grouping
- Combine multiple displays to behave like a single large display
- OpenCL 1.2 Support
- Microsoft C++ AMP
- DirectCompute 11
- Double Precision Floating Point
- AMD HD Media Accelerator
- AMD CrossFire™ multi-GPU technology5
- Dual, triple or quad-GPU scaling
- DisplayPort 1.2 Max resolution:
- 4096x2160 per display Multi-Stream Transport
- 3GHz HDMI 1.4a with Stereoscopic 3D
- Frame Packing Format, Deep Color, xvYCC wide gamut support, and high bit-rate audio
- Integrated HD audio controller
- Output protected high bit rate 7.1 channel surround sound over HDMI with no additional cables required
- Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats

SYSTEM REQUIREMENTS

- PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard
- 450 Watt or greater power supply with one 75W 6-pin PCI Express® connector recommended*
- Minimum 1GB of system memory
- Installation software requires CD-ROM drive, a keyboard, a mouse, and a display
- DVD playback requires DVD drive and a DVD
- Blu-ray™ playback requires Blu-ray drive and a Blu-ray disc

OUTPUT CONNECTORS

- 1 Dual link DVI-I
- 1 HDMI video and audio connector
- 2 mini Display Port

SUPPORTED CONFIGURATIONS

- 1 Dual link DVI-I
- 1 HDMI video and audio connector
- 1 Single VGA (adapter required)
- 2 mini Display Port

*Certified power supplies are recommended.

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